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Market Gardeners Guide for 1949



n. sluis & sons

922 W. Randolph St. CHICAGO 7, ILL. Phone: MOnroe 6-0564

Outstanding Selections and Novelties for Season 1949

BEANS, CHEROKEE WAX

This new Bean has same shape and length as Stringless Black Valentine. The pods are golden yellow. We believe it will replace most other Wax varieties. Listed on page 4.

CABBAGE, GOLDEN ACRE DISEASE-RESISTANT

Our strain is the earliest maturing found anywhere. Can be planted as close as 14 inches in the row, having short outer leaves. Highly resistant to "Yellows-Disease." Listed on page 6.

CELERY, UTAH PASCAL

Truly a "Giant" of the Celery tribe. It was especially bred for climatic and soil conditions as are found in Michigan and Ohio. Stalks are well rounded and long jointed. The finest ever produced for selling "green." See page 9.

LETTUCE, SUPER GREAT LAKES

A great improvement in Head Lettuce. The ribs of the leaves are less pronounced. It matures 8 to 10 days earlier than regular Great Lakes. The heads are large and solid. Recommended for hotbed seeding and early in the field. See page 13.

SWEET CORN, LINCOLN HYBRID

This marvelous hybrid is known as one of the best wilt-resisting and heat-resisting crosses. It matures in 82 to 84 days, producing ears 71/2 to 8 inches long with 14 rows of deep, narrow kernels. Stalks grow about 7 feet tall. See page 10.

RADISH, CHERRY-BELLE

Something new in Radishes. The shape is like a Cherry, therefore, more round than Cavalier. The color is rosy red. Tops are short but firm. For summer crop in muck soil it will grow fast and yet remain hard. Listed on page 18.

TURNIP, RED TOP WHITE GLOBE

Our stock of this Turnip is the best seen on the markets. The crowns are reddish purple and the lower part pure white. They are smooth and exceedingly uniform in size. Listed on page 21.

TERMS AND CONDITIONS

All Prices Quoted are Subject to Change at Any Time Without Notice

ORDERING. An order sheet is sent with every catalog. Additional sheets will be mailed upon request. Write your name and address plainly on every order. Early ordering is advisable; it helps us get your goods out on time.

PAYING. All bills are due August 1st next, unless other agreements are made. Overdue accounts will draw interest at the rate of six per cent (6%) per annum.

Credit will be extended to regular customers, providing your account is in good standing.

New customers, applying for credit, will please send paid seed bills of two previous years to prove good standing elsewhere.

Orders for C. O. D. shipments will have prompt attention if 25% of the amount is sent with order.

On spring orders for Garden Seeds amounting to \$5.00 or more, we allow a 10% discount if paid before April 1st. All other items are net cash. Orders received after April 1st are not subject to discount. No charge for bags at any time.

Delivery. No extra charges for delivery within a radius of 50 miles from Chicago. Orders placed before 11 a. m. will go out the same day.

SHIPPING. Shipments can be made by freight, express or parcel post. If no instructions are given, we will use our own judgment. We will prepay FREIGHT shipments of Seeds up to a distance of 500 miles from Chicago. On EXPRESS shipments the customer pays transportation charges on arrival of goods, but we do allow the freight rate on the invoice. Implements, Glass, etc., are quoted and shipped f. o. b. Chicago.

Be sure to note condition of bags on arrival; if torn, have it marked on your freight bill; if spilled out, have the bags weighed and weight also noted on freight bill, otherwise it will be impossible to recover damages.

If for any reason an order or part of an order cannot be filled, we will refund amount sent for such order or part of such order.

WARRANTY. The N. Sluis & Sons Company gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

N. SLUIS & SONS, 922 W. Randolph St., Chicago 7, III.



Mary Washington

Asparagus

Oz. 1/4 lb. Lb.

Beans

Peck 15 pounds; bushel 60 pounds.

DWARF GREEN
PODDED VARIETIES

*Early Bountiful. A favorite sort on the Chicago market. Pods are light green, long and flat. Early and productive. Lb., 45c; pk., \$5.45; bu., \$20.80.

Pk.

5.20

5.75

Lb.

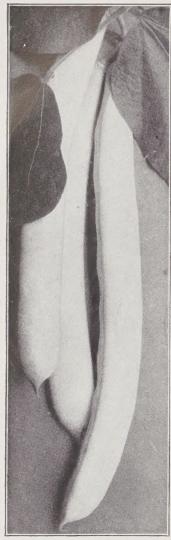
vorite mar- reen, and pk.,	
Bu. 19.40	
19.80	
22.00	1

Bountiful Beans



*Plentiful. Produces medium green flat pods of fine quality. Entirely stringless..\$0.45 \$5.10 \$

1	Lb.	Pk.	Bu.
*Stringless Green Pod. A fine Bean for home trade. Round, thick pods remain tender until ripe	0.45	\$5.00	\$19.00
*Landreth Stringless. Round, thick meated pods sell readi- ly on roadside stands	.45	5.00	19.00
*Streamliner. The longest of the flat-podded sorts. Pods are straight, light green and very attractive	.45	5.75	22.00
*Giant Stringless	.45	5.25	20.00
*Dwarf Horticultural	.45	5.20	19.80
*Full Measure. Round pods; excellent flavor	.45	5.75	22.50
Navy or Pea Beans	.40	3.75	14.00
Dark Red Kidney	.40	4.00	15.00



Unrivaled Wax Beans

Beans—Continued

Dwarf Wax or Yellow Podded Varieties

	Lb.	Pk.	Bu.
*Davis Stringless White Wax. Flat-podded; early\$0	0.45	\$5.50	\$21.00
*Cherokee Wax. Golden yellow, oval pods; exceedingly	~ 0	~ 0 ~	22.70
prolific	.50	5.85	22.50
Unrivaled Wax. A long, semi-flat Bean; heavy yielder, quite early; attractive, slender pods	.45	5.20	19.80
*Round Pod Kidney Wax. A fine stringless Bean; heavy			
cropper; early and has delicious flavor	.45	5.75	22.00
*Bountiful Stringless Wax. Flat pods; second early	.45	5.00	19.00
Lb. Pk. Bu.			

5.75 22.00

*Sure Crop Black Wax. Flat pods . . .45 5.00 19.00 *Pencil Pod Black

Varieties marked with the prefix "*" are stringless.

Wax. Round pods. .45

POLE BEANS

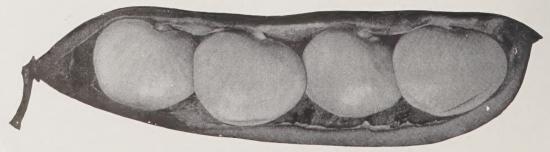
	Lb.	Pk.	Bu.
Old Homestead or			
Kentucky Wonder	\$0.45	5.25	20.00
Dutch Case Knife	.50	5.85	22.50
Kentucky Wonder Wax	.50	6.25	24.00
St. Louis Perfection White. Among			
Pole Beans it has no equal	.45	5.75	22.00



Bountiful Stringless Wax Beans

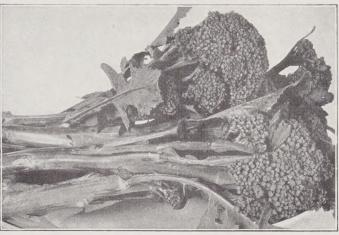
Lima Beans

	Lb.	Pk.	Bu.	
Giant Bush Lima. Also known as Early Giant	\$0.50	\$6.25	\$24.00	
Fordhook Bush Lima. A favorite with many growers	.50	6.50	25.00	
Fordhook No. 242. The most popular for market	.50	6.50	25.00	
Burpee's Improved Bush Lima. Early and productive	.50	6.25	24.00	
Henderson's Bush Lima. Also called Baby Lima	.50	5.25	20.00	



Fordhook Bush Lima Bean

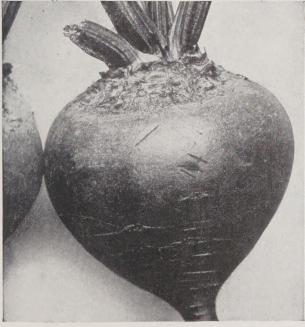




Broccoli, Italian Green

Table Beets

Green Top Bunching. For sowing in hotbeds or outdoors. A green-reddish top with smooth,	Oz.	1/4 lb.	Lb.
glossy, round root	\$0.15	\$0.45	\$1.40
Early Wonder. Short Top Strain.	.15	.45	1.40
Tall Top Early Wonder	.15	.45	1.40
Crosby's Egyptian. Fine for early bunching. Tops are large; root somewhat flattened	.15	.40	1.25
Asgrow Wonder. For bunching this sort is unsurpassed. Will stand heat and drought as well as cool weather. Beet is deep red with small tap root	.15	.45	1.40
red with small tap root	/		1.10



2		
A		
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		Zamen Ser		
Detroit	Dark	Red	Beet	

Detroit Dark Red Selected. The favorite of canners everywhere.	1/4 lb.	Lb.
Suitable for bunching and for winter storage. Beet is very dark with short sturdy tops\$0.15	\$0.45	\$1.40
Cow Boot or Man	ael	

(For Cattle or Poultry Feed)

C) _Z .	1/4 lb.	Lb.
Mammoth Long Red. The most			
popular sort\$6	0.10	\$0.30	\$1.00
Golden Tankard	.10	.30	1.00
Yellow Sludstrup	.10	.30	1.00
Red Top Half Sugar	.10	.30	1.00

Sugar Beet

Klein Wanzleben		\$0.40	
Lane's Imperial	15	.40	1.25

Swiss Chard

Dark Green. White ribbed		\$0.40	
Lucullus. Yellow-leaved	15	.40	1.25

Broccoli

Green Italian. Extra fine		1/4 lb. \$1.25	
Di Rapa (Turnip Broccoli)	40	1.25	4.00

Brussels Sprouts

	Oz.	1/4 lb.	Lh.
Dwarf Improved	.\$0.50	\$1.50	\$5.00
Improved Long Island	50	1.50	5.00

Cabbage

On farms where the soil is infested with "yellows disease" we recommend that only resistant strains be used. In the column below we offer eleven varieties.

	used. In the column below we of all resistant types.	tter e	leven va	rieties,
	all resistant types.	Oz.	1/4 lb.	Lb.
	Golden Acre Disease Resistant. Heads are medium sized, round and solid. Our strain is very early	0.70	\$2.20	\$7.00
)	Resistant Detroit. Produces round heads of deep green color. Early and much in demand	.70	2.20	7.00
	Marion Market. A splendid early sort for diseased soils. Heads are round, stem short	.45	1.40	4.50
	Resistant Copenhagen. Heads round, dark green and large	.70	2.20	7.00
	Globe. Selected from Glory of Enkhuizen. Heads are round, large and solid. Second early	.55	1.75	5.50
/	Wisconsin All Seasons. Improved strain now available has darker color; a great yielder suitable for summer or fall crop	.45	1.40	4.50
	Wisconsin Ballhead	.60	1.80	
				6.00
	Wisconsin No. 8. (Late sort.)	.55	1.75	5.50
	Wisconsin Hollander. Late sort of Danish Ballhead and Hollan- der type. Heads round and very solid	.55	1.75	5.50
	Bugner Winter. Best variety for winter keeping. Heads drum- head shape, dark green. We	7 8	2.40	7.50
	have the genuine strain Red Hollander. For late summer and fall crop. Medium sized		2.40	
	heads, ball shaped and solid	.85	2.75	8.50



Bugner Cabbage



Green Acre Cabbage

	Green Acre Cabbage		
ı	Oz.	1/4 lb.	Lb
	Early Bird. An extra early selec- tion of Golden Acre. Heads are round and uniform. Small outer		
	leaves permit close planting\$0.60	\$1.80	\$6.00
	Green Acre. Similar to Golden Acre except for dark green color which makes it more		
1	attractive	1.50	5.00
	Golden Acre	1.20	4.00
	Early Jersey Wakefield	1.25	4.00
	Charleston Wakefield	1.25	4.00
	Copenhagen Market, True. A few days later than Golden Acre.		
	Heads are large	1.40	4.50
	Danish Ballhead Short Stem 40	1.25	4.00
	Holland Short Stem40	1.25	4.00
	Penn State Ballhead	1.40	4.50
1	Oakview Ballhead. Late ma-		
2000	turing, round heads, dark		
	green	1.80	6.00
	Highland Ballhead. Late sort;		
	large, dark green, solid heads. Excellent for storage60	1.80	6.00
	Ferry's Hollander. Late Ball-		
	head sort yielding large ton-	1.80	× 00
	mage	1.80	6.00
-	strain is supreme. Large		
	heads, dark color and solid50	1.50	5.00
	Long Island Red Rock, A fa-		
	vorite second early sort.		
	Heads drumhead shape and		
	large	2.20	7.00
	Red Acre. Matures very early.		
	Outer leaves bluish green; heads dark red and hard. A		
	fine sort	1.80	6.00
	Chieftain Savoy. For summer		
	or fall crop. Color dark		
	olive-green; semi-flat heads50	1.50	5.00
	Ironhead Savoy. Small, round		
	heads mature early; excel-		
	lent for first seeding. Leaves intensely curled	1.50	5.00
	City A D' D' City	1.70	7.00

CAULIFLOWER

The importance of good seeds cannot be over-estimated in the growing of Cauliflower. Being a one-season crop the seeds must be good or all the labor of seeding, planting and cultivating will be wasted. It is therefore not surprising that many growers place their orders with us every year.

	Oz.	1/4 lb.	Lb.
Super Snowball. Also known as Chicago Snowball. The leading variety for hotbed seeding. Snowwhite heads mature early and uniformly	3.00	\$9.00	\$30.00
Extra Early Snowball. A fine strain bred out of Early Dwarf Erfurt. Produces large heads of excellent quality	2.75	8.25	28.00
Holland Snowball. Imported from the Netherlands. Heads up very quickly and must be used for first crop only		9.00	30.00
Large Late Snowball. This sort was developed in Denmark many years ago. It does well on heavy loam soils for fall crop. The heads are large, snow white and "tight"	2.50	7.50	25.00
Catskill Snowball. Similar to our Large Late Snowball. Has been used with great success in the Catskill Mountain region	2.50	7.50	25.00



White Mountain Cauliflower Note the remarkable depth of the head



Super Snowball Cauliflower

Oz. 1/4 lb. Lb.

White Mountain. This excellent variety is used principally for fall crop. The plant is a vigorous type with broad, strong leaves giving good protection for the large, pure white heads.

We regard this strain as the most perfect and therefore the most profitable one to grow ..\$3.00 \$9.00 \$30.00

Disinfect your hotbed soil to control black leg or black rot and other diseases on Cabbage and Cauliflower. Dissolve a half ounce of Semesan in 8 quarts of water for every sash. Sprinkle well and wait 3 days or more before seeding.



Imperator Carrots



See Page 35.



Chthilt-Cetery Cabbage

Chinese Cabbage or Celery Cabbage

Chihili. The most popular sort. Should be sown about the middle of July to first week in August. Ready for market in 8 to 10 weeks. Oz., 25c; 1/4 lb., 75c; lb., \$2.50.

Carrot

Carrot			
Extra Early Coreless. One of the sweetest Carrots grown. Color	Oz.	1/4 lb.	Lb.
orange, stump rooted. Used for bunching and busheling	\$0.20	\$0.60	\$1.80
Nantes. Extra fine. We have the true stock of this popular Carrot. For spring, summer or fall use it has no equal. The tops are medium, the roots average 7 inches in length, and the color is an attractive orange	20	.60	1.80
Strong Top Nantes. Similar to our Nantes, except that the tops are much heavier, which prevents the Carrots from breaking off in handling	.20	.60	2.00
Nancy. A cross between Nantes and Chantenay. Strong tops fine shape and good color make it ideal for bunching	,	.60	1.80
Red Cored Chantenay. A half long Carrot used chiefly for canning. Flesh is dark orange.	15	.50	1.60
Greater Chantenay. Widely used as a bunch Carrot. Roots are pointed and very smooth	.20	.55	1.75
Oregon Chantenay. Well liked for bunching and busheling. Roots are orange colored, pointed and exceedingly smooth	.20	.55	1.75
Imperator or California. Roots are 7 to 8 inches long, tapering, deep orange, tender and sweet	.20		1.75
Morse's Bunching. Quite similar to Imperator Carrot, but with longer tops for fine bunching	.20	.60	1.80
Supreme Half Long. Slender, refined Danvers type; excellent color, small red core, tops medium	15	.50	1.60
Streamliner. Tops short, dark green. Roots deep orange, 10 inches long	.15		
Danvers Half Long Selected. The ideal Carrot for winter keeping; stump rooted, dark color. Can also be used for summer and fall bunching	.15	.50	
Hutchinson. A favorite with muck land growers for bunching. Uniform root; medium length, sturdy leaves	.20	.60	2.00
Cardoon			
Large Smooth	Oz. \$0.90	1/4 lb. \$3.00	Lb. \$9.00

Celery

	Celery			10 10 10 10 10 10 10 10 10 10 10 10 10 1
	Yellow or Golden V	ariet	ies	
	Giant Golden Plume. A Jersey-grown strain which grows 4 to 5 inches taller than regular Golden Plume. Very vigorous, with heavy stalk and heart. Top leaves are a greenish	Oz.	1/4 lb.	Lb.
	color; stalks golden yellow		\$6.75 \$	\$25.00
	Resistant Plume No. 4. A sturdy, resistant Plume. Foliage dark green,	2.40	8.00	30.00
	yellow stalk, medium tall	2.40	8.00	30.00
	and solid	.90	3.00	10.00
j	sesses all the firmness of the mother strain, together with 4 inches greater height and excellent quality Cornell No. 19. A cross of "Old Golden" and Giant Pascal. Superior quality; rounded stalks; full hearted with	1.50	5.50	20.00
	only a slight rib. Highly resistant to "yellows." Try it for main crop Golden Self-Blanching, Special TALL	1.40	4.50	15.00
	Strain. An exceedingly uniform and hardy sort. Has a better heart and heavier stalk than most of the tall strains offered by others Tall Strain. French grown. Some of our	1.10	4.00	Giant Golden Plume Celery 12.00
	growers prefer this sort because of its excellent flavor and hot weather re-	1.10	4.00	10.00
	sistance	1.10	4.00	12.00 Oz. 1/4 lb. Lb
	Michigan Golden. A yellows resistant strain grown and put in sealed packets at the Mich-	1/4 lb.	Lb.	summer and fall bunching. Stalks are well rounded, solid and brittle. A fine strain\$1.10 \$4.00 \$12.00
	igan State College. Stands up well in hot weather\$1.80	\$6.00	\$20.00	Giant Pascal. Also a good variety for trenching
	Ivory Pascal. New strain of great merit for summer or fall crop. Creamy ivory stalk that shines;			Easy Blanching, Special. Medium tall sort for early trenching; solid heart; fine flavor90 3.00 9.00
	very brittle with a Pascal flavor. 1.50 Golden Prize. A valuable early sort; medium tall, good golden	5.50	20.00	Celeriac Or TURNIP-ROOTED CELERY
	color; is noted for its bulging heart, thick stalks and heavy joints. Our strain runs uniform. 2.25	7.50	28.00	Apple-Shaped
	Green Varieties			Collards
	Oz.	1/4 lb.	Lb.	Oz. 1/4 lb. Lb. True Georgia
	ety is by far the best for Midwest climate and soil. Giant in size, long jointed, smooth, rounded ribs. Because of its enormous size it should be			Chicory Oz. 1/4 lb. Lb. Large Rooted\$0.40 \$1.20 \$4.00 Brussels Witloof. Amer. grown40 1.20 4.00
	spaced in the row not less than 8 inches	\$4.50	\$16.00	Radichetta (Italian Dandelion)



Lb.	Pk.	Bu.
Golden Dawn (60-day Yellow).		
Excellent for first planting.		
Ears are large and mature very		
early\$0.40	\$3.50	\$13.00
Golden Bantam (8-row)40	3.50	13.00
Barden's Wonder Bantam40	3.50	13.00
Golden Evergreen or Bantam		
Evergreen	3.50	13.00
Golden Colonel or Golden Coun-		
try Gentleman	3.50	13.00
Whipple's Early Yellow. Splen-		
did for second planting40	3.50	13.00



Bu.	Lb		Pk.	Bu.
13.00	Early Golden Hybrid. Highly resistant to Stewart's disease. Ears are large and well protected by tight husks. Time about 64 days	0.60	\$5.25	\$20.00
3.00	Extra Early Marcross. A single cross hybrid. Ears mostly 12-rowed, 7-8 inches long. Time			
3.00	66 days	.60	5.25	20.00
3.00	Golden Rocket. This fine hybrid will sell on any market. Ears are 7 inches long and well filled. Time 68 days	.60	5.25	20.00
pro 12-	Earligold. An excellent hybrid ducing ears 8 inches in length; 14 rows of golden kernels. Time days	.60	5.25	20.00
abo	elcross. A fine hybrid, maturing in out 72 days. Ears 8 to $8\frac{1}{2}$ inches g, 12- to 14-rowed	.50	4.75	18.00
resi	or Improved Whipeross. Highly istant and suitable for early or late p. Time 73 days	.60	5.25	20.00
Mo	ross. A hybrid of proven merit stly 14-rowed, 7 to 8 inches long. ne 75 days	.60	5.25	20.00
Tende to 8	ergold. An excellent sort. Ears 7 8 inches long. Time 75 days	.60	5.25	20.00
Golde tabl	en Cross Bantam. Excellent for le and canning. Time 80 days	.60	5.25	20.00
14-1	In. Produces large ears, mostly rowed. Flavor excellent. Time 84 s	.60	5.25	20.00
Ioana.	A wilt-resistant hybrid well liked market gardeners. Time 84 days .	.60	5.25	20.00
mar ears	n Evergreen Hybrid. Popular on ket and roadside stands. Large are usually well filled. Time 85			
day	S	.60	5.25	20.00

SWEET CORN—Continued.

WHITE VARIETIES

	Lb.	Pk.	Bu.
White Evergreen Hybrid	\$0.60	\$5.25	\$20.00
Early Evergreen	40	3.50	13.00
White Evergreen	40	3.50	13.00
Stowell's Evergreen	40	3.50	13.00
Country Gentleman	40	3.75	14.00

Field Corn

1 1010 00111	
Pk., 14 lbs.; Bu., 56 lbs.	
Pk.	Bu.
Golden Glow. Early\$2.00	\$ 7.00
Pride of the North. (90 days.) 2.00	7.00
Pfister Hybrids 3.40	12.50
Pop Corn	
Lb.	10 lbs.
Kansas Sunburst\$0.30	\$2.75
Golden Queen	2.75
White Rice	2.75
Golden Hulless	2.75

Cucumber

In lots of 10 lbs. of one variety, deduct 10c per lb.

	In	lots of	10 lbs.	of one v
Chicago Pickle or Westerfield.	Α	Oz.	1/4 lb.	Lb.
dark green pickle, which do well in most localities; leng about 6 inches	th	\$0.20	\$0.55	\$1.75
Early Prolific. A popular so used for pickles; very pr ductive; length 6 inches	0-	.20	.55	1.75
Quick Grow. Suitable for ear crop. Popular in the Chicag	go	20	~ ~	1.00
district		.20	.55	1.80
Snow's Pickle		.20	.55	1.75
Boston Pickling		.20	.55	1.75
Early Cluster. Extra early; fru is short and grows in clusters the center of the plant; cold	in			
light green		.20	.55	1.75
National Improved Pickling .		20	.60	2.00
Evergreen White Spine		.20	.60	2.00
Early Fortune		20	.60	2.00
Davis Perfect. A fine Cucumb for slicing; flesh is crisp as solid; grows 10 to 12 inch long; dark green in color.	nd	.20	.60	2.00
Improved Long Green (Se Gurken). This sort is used for pickling or preserving; fruit thick when matured, and dark yellow colored on outside	or is is			
flesh is pure white		20	.60	2.00

Straight Eight. Oz., 25c; 1/4 lb., 75c; lb., \$2.50.

Kirby's Dark Green. Medium length; early and very productive. Oz., 25c; 1/4 lb., 75c; lb., \$2.40.

A. & C. (Colorado). The finest selection made in Cucumber for some years. Fruits are straight, exceedingly dark and keep their handsome color for many days after picking. Length about 11 inches. Oz., 25c; 1/4 lb., 75c; lb., \$2.50.

Marketer. Produces dark green Cucumbers about 8 inches long, 2 inches in diameter. Vines are vigorous and stand up well in hot weather. Oz., 25c: 1/4 lb., 75c; lb., \$2.50.

Cubit. A medium sized Cucumber with blunt ends. Color dark green. Flesh crisp with small seed cavity Oz., 25c; 1/4 lb., 75c; lb., \$2.50.



Kirby's Dark Green Cucumber



A. & C. Cucumber





Early White Vienna Kohlrabi



Elephant Leek

Eggplant

	1/4 lb.	
Early Long Purple\$0.70	\$2.20	\$7.00
Improved New York Purple65	2.00	6.50
Black Beauty. Smooth and glossy65	2.00	6.50

Endive

Green Curled. Pink rib\$0.20	1/4 lb. \$0.55	Lb. \$1.60
Broad-Leaved Batavian	.55	1.60
Deep Heart Fringed. Large20	.60	1.80
Full Heart Batavian	.55	1.60
French (Brussels Witloof)40	1.20	4.00

Garlic

Separate each clove from the cluster and plant like Onion sets. Choice stock. Lb., 65c; 5 lbs., \$2.75.

Herbs

(Pot, Sweet and Medicinal)

	Oz.	1/4 lb.	Lb.
Borage	\$0.40	\$1.25	\$ 3.80
Caraway	.15	.45	1.40
Chives	1.00	3.00	10.00
Cress or Pepper Grass	.20	.60	2.00
Dill 10 lbs., \$9.50	.15	.35	1.10
Fennel, Wild (No bulb)	.35	1.10	3.60
Fennel, Florence, Sweet	.20	.60	2.00
Sage, Broad-Leaved	.60	1.80	6.00
Summer Savory	.50	1.50	5.00
Sweet Basil	.45	1.40	4.50
Sweet Marjoram	.80	2.40	8.00
Thyme	.85	2.60	8.50

Kale

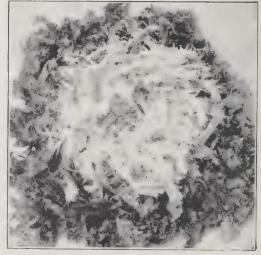
	Oz.	1/4 lb.	Lb.
Dwarf Green Curled	.\$0.20	\$0.60	\$2.00
Tall Green Curled	20	.60	2.00
Siberian	15	.50	1.50
Dwarf Blue Scotch			

Kohlrabi

1/4 lb.	Lb.
\$1.50	\$5.00
2.50	8.00
	\$1.50 1.50

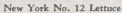
Leek

	Oz.	1/4 lb.	Lb.
Large American Flag	\$0.40	\$1.25	\$4.00
Elephant. Very large	50	1.50	5.00
Large Musselburgh	40	1.25	4.00



Green Curled Endive





New York No. 55. Sure-heading variety. Hard, medium sized heads. Fine for muck soil



Great Lakes Lettuce

Lettuce

	LOOSE LEAVED VARIET		T L	White Boston. Excellent for sum.
	Grand Rapids Forcing. Used chiefly in greenhouses and in early	1/4 Lb.	LD.	mer seeding. Stands the heat and heads up well\$0.20 \$0.60 \$1.80
	hotbeds, finely curled\$0.20	\$0.60	\$1.80	Chicken Lettuce. Tall and leafy; dark green
	Grand Rapids Washington Strain. Leaves are coarse and curly20	.60	1.80	Bibb Lettuce. Small, dark green, loose heads. Excellent flavor 30
)	Grand Rapids U. S. No. 120	.60	1.80	Oak Leaf. (Semi-heading.) Medi-
	Grand Rapids Tip-Burn Resistant .20	.60	2.00	um size, light green color25 .75 2.50
	Black Seeded Simpson. For main			ROMAINE LETTUCE
	outdoor crop; stands the summer heat well	.60	1.75	Oz. ½ lb. Lb. Paris White Cos \$0.20 \$0.60 \$1.80 Dark Green Cos .20 .60 1.80
	HEADING VARIETIES			
	Oz.	1/4 lb.	Lb.	A PAIN TO A STATE OF THE STATE
	Super Great Lakes. Ready for market 8 to 10 days earlier than regular Great Lakes. Heads large with less "ribbiness"\$0.60	\$1.80	\$6.00	
	Penn Lake. Leaves dark green and rather smooth. Heads medium size and hard	2.00	6.50	
7	Great Lakes. Suitable for spring and summer seeding. Slow to go to seed. Heads uniform and large	1.50	5.00	
V	Imperial No. 44. Heads are medium sized and solid; splendid for	1.25	4.00	
J	carly crop	1.2)	4.()()	
	light green	1.25	4.00	
2	hot weather. Heads large, well rounded and solid	1.25	4.00	

3.50

.35

1.10

Black Seeded Simpson Lettuce

Muskmelon

	Oz.	1/4 lb.	I.b.
Bender's Surprise. Heavy ribbed; well netted; large size\$	0.20	\$0.60	\$1.80
Hale's Best. Jumbo strain. Large size, oval shape; heavy netting; deep salmon color	.20	.60	1.80
Hearts of Gold. Morrill type. Medium early	.25	.75	2.50
Honey Dew. Green-fleshed. A late maturing sort	.25	.75	2.50
Honey Rock or Sugar Rock. Medium size; round shape; always sweet	.20	.60	1.80
Illinois Hardshell or Schoon's Hardshell. Large, oval-shaped, well netted fruits having firm, orange flesh. Best sort for main crop	.25	.75	2.50
Milwaukee. A large Melon maturing rather late; deeply ribbed	.20	.60	1.80
Pride of Wisconsin. Also known as Pride of Michigan. A hard Melon of good size. Flesh is orange and free from "strings." Netting resembles Honey Rock. This Melon will sell anywhere.	.25	.75	2.50



Pride of Wisconsin Melons

Mustard

	Oz.	1/4 lb.	Lb.
Southern Giant Curled			
	0.10	\$0.25	\$0.80
Fordhook Fancy	.10	.30	1.00
Mustard Spinach. (Tendergreen.)	.15	.50	1.50
Chinese Broad Leaved	.10	.30	1.00

Watermelon

07	1/4 lb	Lb
	\$0.90	\$3.00
.15	.45	1.40
.15	.50	1.50
.15	.45	1,40
.15	.40	1.25
.15	.50	1,50
.15	.50	1.50
.15	.45	1.40
.20	.60	2.00
	.15 .15 .15 .15 .15	\$0.30 \$0.90 .15 .45 .15 .50 .15 .45 .15 .40 .15 .50 .15 .50 .15 .45

Dwarf Green. 3 ft. .15

Okra or Gumbo Clemson. $4\frac{1}{2}$ ft. . \$0.15 \$0.40



Illinois Hardshell Melon



New Winter Watermelon

ľ	٧.	2LUI	2 0 21	7145, C
Oni	01	n		
Riverside Sweet Spanish. Ori nated at Riverside, Californ several years ago. The bul grow to large size and are da bronze colored. When grov on heavy land they will ke	gi, ia, lbs irk wn ep		Lb.	
Yellow Valencia. A Spanish viety of great merit. Bulbs a very large; beautifully shape	va-		\$5.50 5.50	
Yellow Globe, Brigham Stra. The favorite sort for mu land. Color and keeping quaties unexcelled	ick ali-	1.10	3.70	35.00
Early Yellow Globe. This Onimatures about 2 weeks before other Globe Onions: It has good skin and the color is attractive yellow. Well liked the northern districts because reaches the ripening stage of the fore thrips and other insemake their attacks. Recommended for muck soil	an in it oe cts	1.25	4,00	38.00
Ohio Yellow Globe. Also call Michigan Yellow Globe. Produces good sized bulbs of find quality	ro- ne	1.10	3.70	35.00
Buckskin Yellow Globe. A W consin strain of Yellow Glob For use on muck soil. Bul are medium sized with tig skins	be. Ibs	1.20	4.20	40.00
Guick, New Plant Tie! TWIST-EMS See page 35.				
				4 %

Yellow Valencia Onion



Globe Onion		
1/4 lb.	Lb.	10 lbs.
Golden Globe. Excellent for sets.		
Bulbs are straw colored and		
have the true globe shape. No		
other strain has as good keep- ing qualities\$1.00	\$3.50	\$33,50
	\$3.70	\$73.70
Japanese or Ebenezer. Used for sets. Light yellow, flat bulbs90	3.25	31.00
Southport Red Globe. Large,	3.27	31.00
round, blood-red Onions; won-		
derful keeper	4.50	43.00
Early White Pearl. A small		
pickling variety 1.35	4,40	42.50
Crystal White Wax. Early sort		
for pickling only 1.35	4.40	42.50
White Ebenezer. A good keeper 1.00	3.40	32.50
White Portugal. Also called Sil-		
verskin. Used mostly for sets.		
Onion is flat and keeps well		
over winter	3.25	31.00
Jumbo White Spanish. No other		
white Onion attains the size of this sort. Bulbs of 1 pound each		
are common. Not recommend-		
ed for keeping over winter 1.80	6.00	58.00
White Spanish. Produces bulbs		
of large size; color creamy		
white 1.70	5.50	53.00
White Bunch. Best sort for	4.20	40.00
bunching. True stock 1.20	4.20	40.00
Japanese White Bunching. Very popular for summer bunching.		
Does not form a bulb. Tops		
strong and vigorous. Can be		
sown in fall for spring bunch.		
ing; is hardy 1.50	5.00	48.00
Southport or Ideal White Globe.		
Bulbs are medium sized, pure		
white and mild in flavor. Used for dry Onions and bunching. 1.50	5.00	48.00
Tot dry Smone and Danening, 1,70	7.00	10.00
ONION SETS (Bu. 32 lb	os.)	
		Bu.
	• • • • • •	
Golden Globe (Bottleneck)		4.50
	norge)	· · · · · /)
(Prices subject to market char	ilges.)	

Parsnip

White Model or White Queen.	1/4 lb.	1b.
Roots are perfectly straight with no "wild" or side roots. Color		
pure white which it holds for several days after washing\$0.10	\$0.30	\$1.00
Hollow Crown. A long keeper10	.30	1.00
Guernsey. Half-long	.40	1.25
All-American. Extra fine10	.30	1.00
Early Market. Short and thick15	.45	1.40



White Model Parsnip

Parsley

Oz.	1/4 lb.	1b.
Triple Curled. A fast growing, uniform strain, nicely curled\$0.15	\$0.35	\$1.10
Champion Moss Curled. Widely		
used for early bunching15	.35	1.10
Paramount	.40	1.25
Hamburg Rooted. The roots are parsnip-shaped, about 8 inches long, pure white and straight.		
We have the genuine stock15	.45	1.40

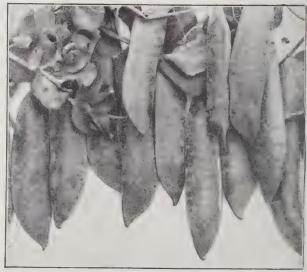


Champion Moss Curled Parsley

Peas

Peck, 14 lbs.; bushel, 56 lbs.

/	Lb.	Pk.	Bu.
Alaska Wilt-Resisting. Early and productive. Pods small but well filled	80.35	\$2.75	\$10.00
Gradus or Prosperity. Extra early; vines 2½ feet, pods 3¾ inches	.35	3.40	12.50
World's Record. Pods medium green, 3½ inches long; for early crop	.40	3.50	13.00
Thomas Laxton. Vines 3 ft. Pods deep green. Broad and blunt.	.35	3.00	11.00
Little Marvel. A valuable early sort noted for fine flavor. Pods and vines both dark green	.35	3.40	12.50
Laxtonian. The best known of the early dwarf sorts. Vines 18 inches, pods 4 inches	.40	3.50	13.00
Laxton's Progress. Produces large dark green pods containing 7 to 9 Peas. Vines dwarf (18 inches)	.40	3.75	14.00
Blue Bantam. Quite similar to Laxtonian. Vines and pods dark green	.40	3.50	13.00
Alderman (Improved Telephone). Late variety yielding 5-inch deep green pods. Vines $4\frac{1}{2}$ to 5 feet tall	.40	3.75	14.00
Western Giant. A mid-season sort. Grows about 2 ft. tall. Pods are broad, 5 inches long, and curved	.40	3.75	14.00
Dwarf Grey Sugar. (Edible pod). These are real sugar Peas	.35	3.25	12.00



Laxtonian Peas

Pepper				
SWEET VARIET	IES			
Apple-Shaped Pimento or Sunny- brook. Fruits are Apple or To- mato shaped; dark green chang- ing to bright red when ripe. A good seller	Oz. 60.80	1/4 lb. \$2.50	Lb. \$8.00	
California Wonder. Large green Pepper with thick sidewalls. Yield moderate	.70	2.20	7.00	
Calwonder. A thick-walled, heavy Pepper. Earlier and more pro- lific than California Wonder	.80	2.40	8.00	
Chinese Giant. The largest of all; stays green until late; in our locality the yield is light	.75	2.50	7.50	
Magnum Dulce	.70	2.20	7.00	
Harris Early Giant	.60	1.80	6.00	
King of the North. Plants yield a good number of medium sized fruits. Special stock	.65	2.00	6.50	
Oakview Wonder. A splendid selection of California Wonder with extra thick flesh. Plants medium size; fruits large, heavy and numerous	.70	2.20	7.00	
Oshkosh. A medium early sort; glossy green turning to canary yellow when ripe. Fruits are smooth without lobes, tapering to a blunt point	.85	2.50	8.50	
Sweet Mountain. Popular in some sections as an early red Pepper.	.65	2.00	6.50	
Improved Worldbeater. Wilt resisting strain; fruits mature early and are large in size	.60	1.80	6.00	
Sweet Banana. A Hungarian type. Long, slender and sweet.	.85	2.60	8.50	
Sweet Melrose. Dark green; flesh crinkled: 1 inch at shoulder tapering to point	.90	3.00	9.00	



Long Hungarian Pepper

HOT VARIETIES

	Oz.	1,4 lb.	Lb.
Chicago Finger. Much used or the Chicago market; fruits 21/2 inches long, 3/4 inch thick a shoulder, tapering to a sharp point. Plants dwarf; very pro	t		
lific		\$3.00	\$9.00
Long Hungarian. Plant short and highly productive; fruits 5 to 6 inches long, 1 inch thick a shoulder, tapering to a sharp point. Color waxy yellow turn ing to bright red when ripe.	t c	2.20	7.00
Long Red Cayenne. Large plan bearing fruits 4 inches long, 1/2 inch thick at shoulder. Colo deep green becoming red a	r t	1 00	6.00
maturity			
Narrow Red Cayenne	60	1.80	6.00
Red Chili. Plant short and bushy Fruits upright, very numerous, to 2½ inches long, 3% inches thick at stem, yellowish green	2		
turning red	.50	1.50	5.00



Apple-Shaped Pimento

Pumpkin

Connecticut Field (Big Tom). The standard field Pumpkin, grown for pies, canning and stock feed. Fruits large, flattened at both ends, weigh 15 to 30 lbs. each. Skin deep	1/4 lb.	Lb.
orange, flesh orange-yellow\$0.15	\$0.45	\$1.40
Small Sugar or Pie. Early and prolific. Fruits 5 to 6 lbs., deep orange, round	.50	1.50
Striped Cushaw. Grown primarily for stock feeding	.50	1.60

Radish

Among Radish growers it is well known that variations in soil as well as weather conditions greatly affect Radish crops. In general the Cavalier types are most suitable for summer crops.

> Lb. 10 lbs. 1/4 lb.

Early	Scarlet	Forci	ng.	The	best
for	greenh	ouse :	forcin	ıg. T	ops
are	short; t	he Ra	dish i	is slig	htly
	e-shape				
	or. Car				
only	y in sur	nmer			\$0.

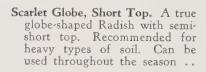
\$0.90 \$8.50

Scarlet Globe, Oregon. A hardy
strain that stands up well in
cold weather and produces beau-
tiful Radishes of true globe
shape. The color is deep red.
Tops are vigorous and strong.
A fine strain for early spring
and late fall seeding

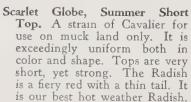
.30 .85 8.00

Cavalier. Without a doubt the finest Radish for summer bunch-Does well on sandy soil and on muck. Color is a flaming red; tops are short. The ideal sort for main crop

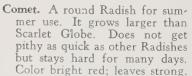
.30 .90 8.50



.85 8.00



.90 8.50



.30 85 8.00

1.00



9.50 Long Bright Scarlet. Roots are carmine-red; 1 inch at shoulder, 5 inches long85 8.00

Giant White Stuttgart. In shape and size resembles White Globe Turnip. Skin and flesh both pure white

Long White Icicle or Lady Finger. A long, slender white Radish with large top. For outdoor growing



Cherry Belle Radishes

1/4 lb. Lb. 10 lbs. White Icicle, Short Top. This variety does exceptionally well on muck soil. The Radish is snowwhite, juicy and brittle. The tops are short and handsome. Greenhouse men insist on this sort for indoor growing. For the past several years our stock has proven to be the best of all. \$0.30 \$0.95 \$9.00 White Strasburg. Strictly a summer Radish. The root is 7 to 8 inches long, 2 inches thick at shoulder. Skin and flesh pure white. Long tops

White Tip Sparkler. The upper half is rosy red; the lower half white. Medium tops. Popular in some localities

Round Black Spanish. A winter Radish with black skin but flesh is white. Turnip-shaped, measuring 3 inches in diameter when matured. Can be stored for 3 or 4 months after harvest.

.30 1.00 9.50 .30 .90 8.50

1.00

9.50

.30

9.50

8.50

Spinach

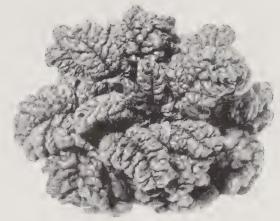
Spinac	• •		
Blight Resistant Savoy. This va-	1b.	Lb.	10 lbs.
riety is much in demand, due to its blight-resisting qualities\$	0.20	\$0.60	\$5.00
Special Summer Savoy. Dark and crumpled; fine for summer	.20	.65	5.50
Dark Green Bloomsdale. Dark leaved, curly; grows quite erect; a valuable early sort	.20	.60	5.00
Giant Smooth-Leaved. Much in demand for first crop. Leaves are medium green and very large	.20	.65	5.50
Large Round Leaved. An extra large sort; leaves are medium green and smooth; always first in the market	.20	.60	5.00
Old Dominion. For fall crop	.20	.60	5.00
Royal Giant or Nobel Giant. Extra early and very large	.20	.60	5.00
Long Standing Bloomsdale. Similar to regular Bloomsdale, but stands more hot weather	.20	.60	5.00
Heavy Pack. Smooth leaved; for early and summer crop; stands the heat well	.25	.70	6.00
Giant Viroflay. A fine Spinach for spring and fall crop	.20	.60	5.00
Viking. Leaves are dark and quite smooth; does well in hot weather. Originator's strain	.20	.60	5.00



Viking Spinach Compare the size of the plant with the half-dollar in the hand

Rhubarb

	Oz.	1/4 lb.	Lb.
Mammoth. Very large	\$0.25	\$0.75	\$2.50
Linnaeus Giant	2.5	.75	2.50



Bloomsdale Spinach

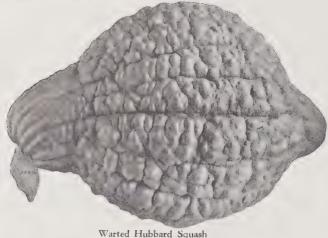
	1/ ₄ 1b.	Lb.	10 lbs.
King of Denmark. A real summer Spinach; stands longer than any other variety before going to seed; leaves are long, rather coarse, dark in color	\$0.25	\$0.70	\$6.00
Harlem Market. A prickly seeded Bloomsdale; dark green and curly. Fine for spring and summer. Very hardy	.20	.70	6.00
New Zealand. Not a true Spinach, but used as such in some sections	,	1.25	11.50
Juliana. Wonderful summer Spinach; dark leaved, slightly crumpled, slow to seed	.20	.70	6.00
100 lbs. of one kind, 5c	per lb.	less.	

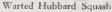


Special Summer Savoy Spinach

TESTED SEEDS

All our seeds are tested for germination before we allow them to go out. Results of these tests are shown on the package or on the label inside of bag.







Salsify or Oyster Plant

Oz. 1/4 lb. Mammoth Sandwich Island ...\$0.40 \$1.25

Sorrel

Oz. 1/4 lb. Lb. .\$0.50 \$1.50 \$5.00 Large-Leaved French ...

Squash		
Oz.	1/4 lb.	Lb.
Mammoth White Bush\$0.15	\$0.50	\$1.50
Giant Crookneck	.50	1.50
Giant Straightneck	.50	1.50
Early Prolific Straightneck 15	.50	1.50
Italian Marrow (Napoli)30	.90	3.00
Warted Hubbard	.60	1.75
Buttercup or Baby Hubbard 20	.60	2.00
Golden Hubbard	.60	1.75
Blue Hubbard	.60	1.75
Delicious. Top-shaped20	.60	1.75
Acorn or Table Queen15	.45	1.40
Super Acorn	.45	1.40
Golden Table Queen15	.50	1.65
Zucca Siciliano	.75	2.50
Sweet Potato	.75	2.50
Gourds Mixed	.90	3.00

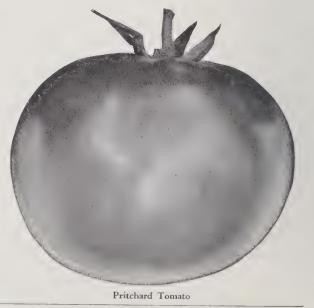
Tomato

Varieties in each group are arranged according to maturity, reading from top down.

Red or Scarlet Fruited Sorts.

		~ ~ ~ ~ ~ ~	D-CHELOR
	Oz.	1/4 lb.	Lb.
Firesteel	. \$0.65	\$2.00	\$6.50
Improved Earliana	65	2.00	6.50
Valiant	65	2.00	6.50
, Victor	90	3.00	9.00
Bonny Best. (Certified.)	65	2.00	6.50
John Baer	60	1.80	6.00
Stokesdale. (Certified.)	50	1.50	5.00
Early Baltimore	65	2.00	6.50
Supreme Marglobe. (Certified.))		
Heavy yielder; large fruits		2.50	8.00
Chalk's Early Jewel		2.00	6.50
Michigan State Forcing		3.00	9.00
Pritchard. (Certified)		1.50	5.00
Marglobe. (Certified)		2.00	6.50
Wisconsin No. 55 or Rocket. A	7		
large sort for market or can- ning; solid fruits	.90	3.00	9.00
Matchless			
Garden State. Medium late; heavy yielder; fruits large, bright red	7	1.50	5.00
solid	80	2.50	8.00
Rutgers. (Certified.) Wilt and rust-resisting; vines strong and	1		
vigorous		1.50	5.00
(Continued next co	olumn.)		

	Oz.	1/4 lb.	Lb.
Indiana Baltimore\$0.	.40	\$1.25	\$4.00
Greater Baltimore. (Certified.)	40	1.25	4.00
Jubilee. Globe shaped; orange			
flesh	.80	2.50	8.00
Dwarf Stone	85	2.75	8.50
New Stone or Late Stone	50	1.50	5.00



TOMATO — Continued

Pink and Purple Fruited Sorts

a man and a dispar		ou Dorts	
Globe Forcing. Used exclusively for green-house forcing. Vines are strong and vigorous. Fruits purplishpink		1/4 lb. \$16.50	Lb.
Beauty Special. A week earlier than regular Beauty. Large purple fruits; good cropper.	.90	3.00	9.00
Dwarf Champion	.75	2.20	7.00
Early Detroit or Early Market	.65 .65	2.00	6.50 6.50
Oxheart. Red	1.20	3.60	12.00
Beefsteak. Very large	1.00	3.00	10.00

	Small	Fruited	Sorts
--	-------	---------	-------

3.00

10.00

Ponderosa. Purple ... 1.00

Yellow Plum	2.20	7.00
Italian Red Plum. Ser lected type90	3.00	10.00

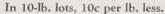
Rutabaga

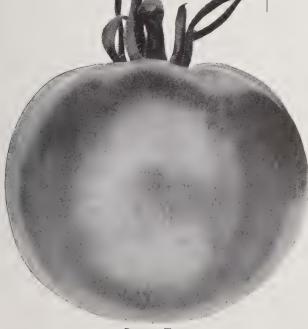
Improved Yellow Purple	1/4 lb.	Lb.
Top\$0.10	\$0.30	\$1.00
Canadian Neckless 10	.30	1.00



Turnip

	Oz.	1/4 lb.	Lb.
Early White Milan	. \$0.15	\$0.40	\$1.25
Early Purple Top Milan	15	.40	1.25
Early Snowball	10	.25	.75
Red Top White Globe (Extra fine)	10	.30	1.00
Purple Top White Globe	10	.25	.75
Shogoin. (Japanese.)	15	.40	1.25
Golden Ball	.10	.20	.60
White Egg	10	.20	.60
Seventop	.10	.25	.70
Turnip for leaves only	.10	.25	.70
w 44 4			







Purple Top White Globe Turnip

Selected Flower Seeds

Key to symbols. A—Annuals, B—Biennials, P—Perennials



Ageratum

AGERATUM (A) Midget Blue Blue Ball. 6 inches Blue Cap. 4 inches Purple Perfection	. .60	1/4 oz. \$1.50 1.00 1.00 1.00	Oz. \$5.00 3.60 3.60 3.60
ALYSSUM (A) Little Gem	.20	.25 .30 .40 .25	.80 .90 1.25 .80
ANTIRRHINUM (Snapdragon) Tall, Giant Flowered. Rust resistant strains. 3 ft. Campfire. Pure scarlet Yellow Giant Copper Shades Crimson. Fiery scarlet Pink Sensation Tall Giants, Mixed	.50 .50 .50 .50	.90 .90 .90 .90 .90	3.00 3.00 3.00 3.00 3.00 3.00
ANTIRRHINUM. Super Majest Large flowering, half tall sorts Harmony Orange Shades Red Rocket Rose Sensation Silver-Pink Super Majestic, Mixed	.60 .60 .60	1.00 1.00 1.00 1.00 1.00	3.50 3.50 3.50 3.50 3.50 3.50
AQUILEGIA (Columbine). (P) California Hybrids Long Spurred Blue Shades	.60 .50	1.10 1.00	3.50 3.25
ASTERS. Giant branching. (A) Wilt-resisting strains. White Deep Rose Crimson Lavender Sensation. Red Giant Branching, Mixed	.25 .25 .25 .25 .25	.50 .50 .50 .50 .50	1.50 1.50 1.50 1.50 1.50 1.50

	Pkt.	1/4 02.	Oz.
ASTERS. Giant Crego. (A) Wilt-			
Resisting.			
Azure-Blue		\$0.60	\$1.80
Peachblossom	.30	.60	1.80
Purple	.30	.60	1.80
Grand Mixture	.30	.50	1.60
ASTERS. EARLY BEAUTY. (A)			
Separate Colors	.35	.65	2.00
Elegant Mixture	.30	.60	1.80
ASTERS. Early Royal. (A)			
Lavender	.30	.50	1.60
Purple	.30	.50	1.60
Rose	.30	.50	1.60
Early Royal Mixture	.30	.50	1.50
ASTERS. Heart of France (A)	.45	.75	2.50
BALSAM (Lady Slipper). (A)			
Double Rose-Flowered, Mixed.	.15	.30	.90
Dwarf Bush Balsam, Mixed	.35	.60	1.80
BELLIS PERENNIS (Daisy). (A)			
Longfellow. Double, dark rose.	.80	1.50	5.00
Snowball. Double, white	.80	1.50	5.00
Monstrosa. Double, mixed	.75	1.40	4.50



Giant Branching Aster

and a sure of the	-		
CALENDULA (Pot Marigold) (A))		
Apricot Beauty	.30	.50	1.50
Yellow Colossal	.15	.25	.80
Ball Lemon Queen	.10	.20	.60
Orange King, grandiflora	.10	.15	.50
CAMPANULA (Canterbury Bells)	(B)		
Cup and Saucer Mixed	.30	.50	1.50
Double Mixed. 32 inches	.30	.50	1.50
CANDYTUFT (Iberis). (A)			
Giant Hyacinth Flowered. Pure			
white select	.15	.25	.75
Umbellata. Carmine	.15	.20	.60
Umbellata. White	.15	.20	.60
Umbellata. Mixed	.10	.15	.40
CARNATION. (A)			
Cardinal. Red	.60	1.20	4.00
Marie Chabaud's. Yellow	.60	1.20	4.00
Chabaud's Giants. Mixed	.50	.90	3.00
Margaret, Mixed	.35	.65	2.00

	Pkt.	1/4 02.	Oz.
CELOSIA (Cockscomb). (A)			
Cristata. Tall crimson	\$0.35	\$0.60	\$2.00
Empress. Dark foliage	.45	.80	2.40
Dwarf Fire Feather	.60	1,20	4.00
Dwarf Golden Feather	.60	1.20	4.00
Dwarf Mixed Colors	.60	1.20	4.00
Tall Royal Velvet. 24 inches	.45	.75	2.25
CENTAUREA CYANUS. (A)			
Choice Double Mixed	.15	.20	.50
Double Jubilee Gem	.15	.30	.90
Blue Boy	.10	.15	.50
Red Boy. Deep red	.10	.20	.60
Sweet Sultan. Mixed	.15	.25	.80
Super Giants. Mixed	.15	.25	.70
CONVOLVULUS MAJOR (A) (Morning Glory.)			
Crimson Rambler	.20	.30	.90
Heavenly Blue Improved	.15	.25	.75
Scarlett O'Hara	.25	.40	1.25
Pearly Gates. Sating white	.25	.40	1.25
COSMOS. (A) Mammoth Early Flowering.			
Mixed	.15	.20	.60
Sensation. White	.20	.35	1.10
Sensation. Pink	.20	.35	1.10
Sensation. Mixed	.20	.30	1.00



Carnations

DAHLIA. (A) Unwin's. Pkt. Dwarf Hybrids\$0.40	\$0.70	Oz. \$2.40
DAISY, SHASTA. (P) Alaska. Best white. 40 in	.40	1.25
DAISY, ENGLISH. See Bellis Perennis.		
DELPHINIUM. (P)		
Gold Medal Hybrids	.80	2.50
Wrexham Strain. Mixed75	1.40	4.50
Pacific Giant. Dark blue 1.60	3.00	10.00
Pacific Giant. Light blue 1.60	3.00	10.00
Pacific Giant. Double white 1.60	3.00	10.00
DIANTHUS (Pinks). (A)		
Dwarf Double. Mixed20	.30	1.00
Heddewigi. Double. Mixed25	.40	1.25



Delphinium, Pacific Hybrids

Delphinium, Pacific Hybrids		
Pkt. DIGITALIS (Foxglove). (B)	1/4 02.	Oz.
Gloxiniaeflora, Mixed\$0.35 The Shirley, Large flowers25	\$0.60 .50	\$1.75 1.60
FORGET-ME-NOT. See Myosotis.		
FOUR O'CLOCK (A) Choice Mixed	.15	.40
GAILLARDIA (Blanket Flower). (A)		
Monarch Strain. Mixed35	.60	1.80
Dazzler. Yellow, maroon center30	.50	1.60
Burgundy. Wine-red35	.60	2.00
GERANIUM. (A)		
Zonale. Single. Mixed	1.40	4.50
GODETIA (Satin Flower). (A)		
Kelvedon Glory	.50	1.50
Dwarf Show Mixture	.50	1.50
GOURDS (Ornamental). (A)		
Small Fruited Sorts. Mixed	.10	
Large Fruited Sorts. Mixed Large or small, per lb. \$3.00	.10	.30
GYPSOPHILA. (A)		
Grandiflora. White single10	.15	
Oldhamiana. Flesh-pink45	.80	2.50
Snow White. Double. 36 in 80	.1.50	5.00
HELICHRYSUM (Strawflower). (A)		
Monstrosum. Double. Mixed 20	.30	.90
HIBISCUS. (A)		
Mallow Marvels. Mixed25	.40	1.25
Jumbo Red	.50	1.50
HOLLYHOCK. (P)		
Allegheny, Mammoth. Mixed20	.30	
Double Triumph. Fringed 40		
Chater's Double, Mixed	.45	1.40
KOCHIA (Burning Bush). (A)		
Childsii	.10	.25
77 DI (D) (N7 T7		

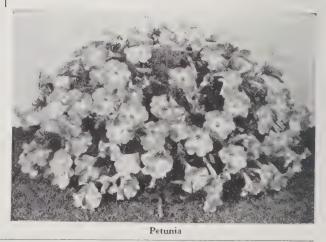
I	Pkt.	1/4 02.	Oz.
LARKSPUR. Giant Imperial. (A) Blue Spire	0.20 .20 .20 .20 .20	\$0.30 .30 .30 .30 .30	\$1.00 1.00 1.00 1.00 .90
LARKSPUR. Super Majestic. 5 ft.			
Deep salmon-pink	.25	.45	1.40
Lavender	.25	.45	1.40
Rose-Pink	.25	.45	1.40
White	.25	.45	1.40
Super Majestic, Mixed	.25	.45	1.40
LARKSPUR. Regal strain, rose. The best for cut flower trade. Long thick spikes	.50	.90	2.70
LARKSPUR. Stock Flowered.			
Sky-Blue	.25	.45	1.40
Rainbow Mixture	.25	.40	1.25
LOBELIA. (A) Crystal Palace. 4 in. Dark blue. Cambridge. Light blue	.50 .50	.90	3.00 3.00



Larkspurs

_			
MARIGOLDS. (A) Tall African Sorts—	Pkt.	1/4 02.	Oz.
Lemon All-Double	\$0.30	\$0.50	\$1.65
Orange All-Double	.30	.50	1.65
All-Double Mixed	.30	.50	1.50
Carnation-Flowered—			
Burpee Gold. Odorless	.25	.45	1.40
Guinea Gold	.25	.45	1,40
Yellow Supreme		.45	1.40
Chrysanthemum-Flowered—			
Mammoth "Mum." 30 in	.35	.60	2.00
Yellowstone. 4 ft	.35	.60	1.80

Pk Early Double Dwarf Sorts—	t. ½ oz.	Oz.
Butterball. Canary-yellow\$0. Scarlet Glow	30 \$0.50 30 .50 30 .50	\$1.50 1.50 1.50
Sunkist. Orange color	30 .50 25 .40 30 .50	1.50 1.25 1.60
	35 .65	2.00
Blue Compacta. 6 in	50 .90 90 1.75 60 1.10 60 1.10	3.00 5.50 3.60 3.60
MORNING GLORY. See Convolved	lus Major.	
	25 .40	
Red Monarch	25 .40	1.25
Affinis. White	15 .25 35 .60 15 .25	.75 2.00 .80
PANSY. (Giant Flowering). (A) America. Elegant mixture 1 Swiss Blue		8.00 8.00
Giants 1. Steele's Mastodon, Mixed 1. Coronation Gold 1. Geneva Giants, Dwarf mixed 1. Maple Leaf Giants, Mixed 1. "Super" Swiss Mixture 1.	40 2.75 50 3.00 40 2.75 40 2.75	10.00 9.00 10.00 9.00 9.00 9.00
Heavenly Blue. Select Rose of Heaven. Extra Rosy Morn, Improved Topaz Queen Velvet Ball White Perfection	70 1.25 70 1.25 50 1.10 50 1.00 70 1.25	8.00 4.00 4.00 3.50 3.25 4.00 6.50 4.00 3.20
Blue. A fine strain	90 1.80 90 1.60 90 1.60 80 1.40 80 1.40	5.50 5.00 5.00 4.60 4.60 4.50



PETUNIAS (Giant Flowered). (A)		
Ruffled and Fringed Sorts-		
Dwarf Giants of California, Pkt	. 1/4 oz.	Oz.
Ramona Strain\$5.00	\$16.00	\$60.00
Ruffled Monsters. Mixed 5.00	15.00	56.00
Salmon Beauty 5.00	14.00	52.00
Theodosia. Pink 5.00	14.00	52.00
White Beauty 5.00	15.00	56.00
•		

All-Double Petunias-

Shades of Rose. 100 seeds, \$1.00; 500 seeds, \$4.00. America. Rose-pink. 200 seeds, 75c; 1000 seeds, \$3.00.



Petunia, America All-Double

Pk	t.	1/4 oz.	Oz.
PHLOX DRUMMONDI. (A)		7 -4	
Grandiflora Mixture\$	0.45	\$0.80	\$2.50
Gigantea Art Shades	.60	1.10	3.50
Dwarf Fireball	.60	1.10	3.50
Dwarf Snowball	.60	1.10	3.50
Dwarf Mixed. 6 to 8 inches	.60	1.00	3.25
PORTULACA (Moss Rose). (A)			
Single Flowering. Mixed	.40	.70	2.50
Double Flowering. Mixed	.70	1.25	4.00
SALPIGLOSSIS (Trumpet			
Flower). (A)			
Giant Flowered Tall. Mixed	.25	.40	1.25
Giant Flowered Dwarf. Mixed.	.30	.5()	1.50
SALVIA (Scarlet Sage). (A)			
	1.10	2.00	7.00
Bonfire (Clara Bedman.)	.70	1.25	4.00
Globe of Fire. 16 in	.70	1.30	4.25
Splendens. 24 in	.60	1.10	3.50
Blue Bedder. 30 in	.70	1.25	4.00
SCABIOSA (Pincushion Plant). (A	4)		
Double, Tall. Mixed	.20	.30	1,00
Improved Giant Hybrids	.25	.40	
Salmon Beauty	.30	.50	1.50
SNAPDRAGON. See Antirrhinum.			
STOCKS. (A)			
	.35	.60	1.85
Early Giant Imperial. Mixed	.50	.90	3.00



Zinnias, California Giants

SWEET PEAS. (A)	Pkt.	1/4 02.	Oz.
Summer Spencers. Mixed		\$0.10	\$0.30
Winter Spencers. Mixed		.15	.45
SWEET WILLIAM (P)			
Mammoth Single. Mixed	.35	.60	1.80
Mammoth Double, Mixed	.40	.70	2.20
Double Dwarf Midget. Mixed.	.45	.80	2.40
VERBENA GIGANTEA. (A)			
Giant Flowering. Mixed	.40	.75	2.25
Choice Dwarf Mixture	.45	.80	3.20
Spectrum Red. Tall	.45	.80	2.50
Tall Blue	.45	.80	2.50
Tall Royal Bouquet	.60	1.10	3.50
VIOLA CORNUTA. (A)	.00	1.10	3.70
Small Flowering. Mixed	.80	1.50	5.00
Arkwright Ruby	1.10	2.00	7.00
Yellow Perfection	1.10	2.00	7.00
Chantreyland	1,20	2.30	8.00
Special Bright Mixture	.90	1.75	6.00
ZINNIA. (A)			
California Giants. Mixed	.15	.25	.80
Cherry Queen	.20	.30	1.00
Orange King	.20	.30	1.00
Golden Dawn	.20	.30	1.00
Dahlia-Flowered, Gold Medal			
Mixture	.15	.25	.80
Pompon Variety Mixture	.15	.25	.80
Fantasy. Mixed	.20	.30	1.00
Cut-And-Come-Again. Mixed .	.20	.30	1.00
CUPID ZINNIAS. (A) Double.	1 ft.		
Tiny Tim. Rich scarlet	.25	.40	1.25
Pixie. Bright yellow	.25	.40	1.25
Snowdrop. Pure white	.25	.40	1.25
Mixed. All colors	.25	.4()	1.25

FIELD SEEDS



Grasses

	Lb	10 lbs.	100 lbs.
Kentucky Blue Grass	.\$0.85	\$7.50	\$70.00
Red Top, Fancy		8.00	75.00
Orchard Grass	55	4.50	40.00
Rye Grass Domestic	35	2.50	21.00
Sudan Grass		2.40	18.00
Sweet Sudan	35	2.50	20.00
Lawn Grass with Clover	90	8.00	72.50
Shady Spot Mixture	90	8.00	75.00
Pasture Mixture, Upland	60	5.00	43.00
Pasture Mixture, Lowland	60	5.00	42.00
Timothy	40	3.20	27.00
Brome Grass, Lincoln Type	65	5.50	50.00
Chewings' Fescue	75	6.50	60.00
Meadow Fescue	45	3.50	28.00
Alta Fescue	70	6.00	55.00
Reed Canary Grass	70	6.00	55.00

Clover and Alfalfa

			Lb.	10 lbs.	100 lbs.
Red Medium			\$0.80	\$7.00	\$65.00
Alfalfa Common		٠	.85	7.50	70.00
Alfalfa, Grimm			.85	7.80	73.00
Alsike			.65	5.40	48.50
White Dutch	0 0		1.10	10.00	95.00
Sweet White Blossom			.45	3.50	30.00
Ladino Clover			2.50	24.00	
Ranger Alfalfa			1.25	11.00	

Millets

	. 10 lbs. 100 lbs.
German or Golden\$0.25	5 \$1.60 \$12.00
Hungarian	5 1.60 12.00
Japanese	5 1.50 11.00

Vetch

				10 lbs.	
Winter or	Hairy	 	\$0.45	\$3.70	\$32.00

Seed Oats Bag, 21/2 bus.

		Bu.
Clinton.	A high yielding sort	\$2.15
Vicland.	Early maturing	. 2.15

Soy Beans

	ъu.
Lincoln. (115 days.)	 \$4.75
Illini. (110 days.)	
Manchu. (115 days.)	

Miscellaneous Seeds

	Lb.	10 lbs.	100 lbs.
SUNFLOWER	0.45	\$3.50	\$30.00
BUCKWHEAT	.25	1.50	10.00
RAPE, Dwarf Essex		3.00	24.00
SORGHUM or SUGAR CANE.	.25	2.00	14.00
ROSEN RYE	.20	1.20	7.00

Nod-O-Gen (Inoculation Bacteria) For Clover, Alfalfa, Soy Beans, Garden Beans and

Bushel Size Bottles, 50c; 3 for \$1.35. Please specify for which seeds it is wanted. Complete information supplied free on request.



TWINES, CORDAGE, AND CANVAS



Jute Bunching Twine. 2-ply, in 25or 50-lb. coils; stranded (100 ends). Per lb.,45c. Less than 25-lb. coils, 48c per lb.

Jute Bunching Twine.

Single

strand, 3-ply, put up in balls of half pound each. Per lb., 50c.

Binder Twine (Plymouth). 8-lb. balls, \$2.25; 50-lb. bale, \$12.50.

Cotton Twine. 3- or 4-ply. Per ball, 22c; per 5-lb. bag (30 balls), \$4.25.

Cotton Twine in Cones. Weight about $2\frac{1}{2}$ lbs. 4-, 6-, 8-, or 16-ply. Per lb., 85c.

Rhubarb Twine. 2-strand. Per 10-lb. ball, \$3.75.

Sisal Rope. 3/8 inch. Per 100 ft., \$1.90. Sisal Rope. 7/16 inch. Per 100 ft., \$2.50.

Sisal Rope. 1/2 inch. Per 100 ft., \$4.75.

Tarred Rope for Mats. 130 ends. Per lb., 40c.

Celery Braid No. 13.	1000 yards	81.75
Celery Braid No. 17.	1000 yards	2.50
Celery Braid No. 25.	1000 yards	4.00
Celery Tape No. 17.	1000 yards	4.60
Celery Tape No. 21.	1000 yards	5.60

All Braid and Tape can be had in either red or blue, guaranteed fast color.

Rubber Aprons. Men's size, black only. \$2.75

Rubber Bands. Now made from two thirds natural and one third synthetic rubber, giving a better band with plenty of stretch and strength. Sizes: Nos. 8 to 33. Per lb., \$1.25; 5 lbs., \$5.50; 50 lbs., \$50.00.

Rubber Knee Pads. With straps to go around leg. Very comfortable when weeding. Per pair, \$2.00.

Rubber Pants. Long legs; medium or large. \$4.50.

Wagon or Auto Truck Covers.

Complete with re-enforced corners, eyelets and ropes. Ready for use.

HAND TOOLS, TAGS & BRUSHES

Asparagus Knives. Extra strong 6 for \$2.40\$0.45
Barn Brooms. 16 inches wide, less handle 1.85
Barn Broom Handle. 5 ft. long
Corn Planters. Two hand 2.65
Corn Planters. With fertilizer attachment 3.50
Cyclone Seeder. For grass seeds 3.50
Deadlock Hooks. Sharp point. Per box of 100095
Dibbles. All iron, for setting plants
Dirt Screen. Yard wide; 1/3 in. square holes, per lineal ft
Hazeltine Weeders
Lang's Ideal Weeders
Hay Forks. 3 tines; long handle 1.90
Horse Brushes. Also used for scrubbing vegetables40
Hoes. Nursery or field, 6 or 7 in. wide 1.60
Lawn Mower. 5 blade; 18 inch cut; rubber tires; ball bearings
Sack Needles. With curved point. 5, 6 or 7 inches
long 30c to40
Scythe Blades. For grass, 28-32 inches 2.60

Each
Scythe Blades. For weeds, 18-22 inches\$2.85
Scythe Handles or Snaths. Curved 2.65
Scythe Stones or Whetstones. Fast cutting30
Spading Forks. 4 tine, D handle 2.10
Shipping Tags. No. 3; plain. Per 10001.35
Shipping Tags. No. 5; plain. Per 1000 1.80
Shovel Plow with Steel Beam 8.00
Singletrees. 28 inches wide 1.25
Spading Forks. 4 tine, D handle 2.10
Square Point Shovels. D handle 2.10
Steel Bow Rakes. 16 tooth, long handle 1.95
Truck Hooks. To tie rope on
Washer Brushes for Cicero and Prospect Washers.
24-inch block, 3/4-inch shaft. Set of 2 30.00
26-inch block, 3/4-inch shaft. Set of 2 33.00
28-inch block, 5/8-inch shaft. Set of 2 36.00
Above brushes are 10 inches in diameter. Please specify length of shaft wanted.
Brushes for Felins Bunch Washer. State whether with twisted wire or wooden backs. Per set of

8 pieces 24.50

Insecticides and Seed Disinfectants

- Aero Cyanate. Weed killer for Onions only. Mix with water and spray when weeds are small. 6 lbs. will treat 1 acre. Per lb., \$1.25.
- Arasan. Used dry as a seed treatment to prevent smut and rot in Onions. Also beneficial on Beets and Spinach. Use 1 lb. dust to 20 lbs. of seed. 8-oz. can, 85c; 4-lb. can, \$5.25; 25-lb. drum, \$30.00.
- Arsenate of Lead. For all leaf-reating insects. Sticks well to the leaves; can be used wet or dry. 1-lb. pkg., 45c; 4-lb. pkg., \$1.50; case (48 lbs.), \$13.00.
- Black Leaf 40. A solution of Nicotine Sulphate used as a liquid spray only to kill plant lice and other soft-bodied sucking insects; harmless to plants. Full directions with each can. 1-lb. can, \$2.60; 2-lb. can, \$3.80; 5-lb. can, \$8.50.
- Bordeaux Mixture. Used for spraying against blight and fungous diseases. 1-lb. pkg., 30c; 4-lb. pkg., \$1.00; case (48 lbs.), \$9.00.
- Calcium Arsenate. Used for dusting or spraying cabbage and potato crops. 4-lb. pkg., 75c; case (48 lbs.), \$6.50.
- Ceresan, New Improved. Widely known seed disinfectant for Wheat, Oats, Peas and bulbs. 1-lb. can, 90c; 4-lb. can, \$3.00.
- Copper Sulphate (Blue Stone). Used mostly for Celery, Grapes and other crops subject to blight; powdered form. Per lb., 25c; 25 lbs., \$4.00.
- Corrosive Sublimate. For treating plants before setting out in field. 1-lb. bottle, \$2.75; 5-lb. box, \$13.00.
- Crow Repellent. Sprinkle over Corn seed. Keeps away crows, gophers, pheasants and other animals. 1-bu. size, 60c; 2-bu. size, \$1.00.
- Cuprocide, Yellow. For treating Tomato, Pepper and many other seeds. Prevents "damping off" in hotbeds or greenhouses. 1-lb. pkg., \$1.00; 3-lb. bag, \$2.45.
- Cyanogas "G." For killing rats and mice in hotbeds or under barns and sheds. 5-lb. can, \$3.25; 25-lb. pail, \$11.00.
- DDT Dust 5%. Ready to use for killing Cabbage worms and other insects. 1 lb., 25c; 5 lbs., 80c; 50 lbs., \$4.50.
- DDT Dust 10%. 1 lb., 30c; 5 lbs., \$1.00; 50 lbs., \$7.00.
- DDT Dust 50% Wettable. Highly concentrated and must be used in water. 1 pound makes 60 gallons spray for Onions, Cabbage and other crops. 1 lb., 60c; 10 lbs., \$5.00.

- Dusting Sulphur. For dusting Nursery stock, Grape vines and other crops. 1 lb., 20c; 10 lbs., \$1.40; 100 lbs., \$6.50.
- Gamtox 2% Dust. Kills aphids instantly. 1 lb., 40c; 10 lbs., \$3.50; 50 lbs., \$15.00.
- Nicotine Pyrox. For wet spraying only; destroys leaf-eating insects. 20-oz. jar, 65c; 5 lbs., \$2.25; 10 lbs., \$4.25.
- Paris Green. A very strong poisonous insecticide for either dusting or spraying. 1-lb. pkg., 60c; 5 lbs., \$2.50; 14-lb. cans, \$6.00.
- Pyrocide Dust No. 5. Kills Cabbage worms; for dusting only. 5-lb. pkg., \$1.00; 25-lb. bag, \$3.75; 100 lbs., \$13.00.
- Pyrocide Dust No. 10. Double strength. Very effective in combating Cucumber beetles, aphids and many other pests. 5-lb. pkg., \$1.25; 25 lbs., \$5.25; 100 lbs., \$19.00.
- Rootone. A hormone root-forming powder. Stimulates growth of roots and cuttings. 2-oz. jar, \$1.00; 1-lb. can, \$5.00.
- Semesan. A seed disinfectant used to cure or prevent smut, neck rot and wilt on vegetables and flowers. A 2-oz. can will treat 40 lbs. of seeds. 2-oz. can, 45c; 3/4 lb., \$2.10; 4 lbs., \$10.10.
- Semesan Bel. For treating bulbs, roots and Potatoes. 1-lb. can, \$1.80; 4 lbs., \$6.30.
- Semesan Jr. Used for treating sweet and field Corn seeds. 1½ ozs. will treat 1 bushel of seed. Price: 1½-oz. pkg., 15c; 12-oz. can, 65c; 6½-lb. can, \$3.90.
- Slug Shot. The old reliable dusting powder for killing Cabbage worms, Potato bugs and other chewing insects. 5-lb. pkg., \$1.25; 25-lb. bag, \$6.00.
- Spergon. Treat Beans and Peas with this chemical and prevent decay of seed during the sprouting period and after. 2 ozs. is sufficient for 1 bushel seed. 5 ozs., \$1.00; 1 lb., \$2.35.
- Tartar Emetic. Used with brown sugar in water to kill thrips on Gladiolus and Onion. 1 lb., 90c; 10 lbs., \$8.50.
- Transplantone. Dip roots of plants in a solution of 1 teaspoonful of this chemical to 10 gallons of water. Promotes rapid growth. 3-oz. pkg., \$1.00; 1 lb., \$4.00.
- Weedone Liquid. Sure death for most weeds. Eight ounces makes twelve gallons spray. Used on lawns and hay fields. 8-oz. bottle, \$1.00; 1 qt., \$1.85; 1-gal. can (for 1 acre), \$6.50.
- "No-Seed" Hormone. See page 33.

Fertilizers

Ammonium Nitrate. High powered nitrogen carrier. Broadcast before seeding for best results. 100-lb. bag, \$5.25; ton, \$91.00.

Borax. Contains valuable plant food called Boron. Use 20 to 30 lbs. per acre. 100 lb. bag, \$5.50.

Cyanamid. Excellent for Asparagus and other crops. Kills weeds and helps crop. Follow directions on bag. 100-lb. bag, \$5.00; ton, \$89.50.

Muriate of Potash. Corrects deficiency of potassium found in many soils. 100-lb. bag, \$5.50; ton, \$100.00.

Nitrate of Soda. Widely used for top dressing vegetables and small grains. 100-lb. bag, \$4.75; ton, \$86.00.

Pulverized Cow Manure. Used by many growers for flowers and vegetables. 50-lb bag, \$1.60; ton, \$48.00.

Pulverized Sheep Manure. For greenhouses, hotbeds or lawns. Does not burn foliage. 50-lb. bag, \$1.60, ton, \$48.00.

Steamed Bone Meal. Excellent for farm and garden. 100-lb. bag, \$5.00; ton, \$90.00.

Sulphate of Ammonia. Brings nitrogen in soil. Applied in spring before harrowing. 100-lb. bag, \$5.50; ton, \$90.00.

Velvetgreen. (5·10·5.) Recommended for Cucumbers, Pickles and Melons. A well balanced mixture. 100-lb. bag, \$4.25; ton, \$60.00.

Vigoro. Suitable for all crops. 100-lb. bag, \$4.00; ton, \$63.50.



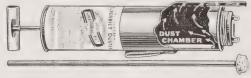
Dobbins No. 34G Sprayer

Capacity, 31/2 Gallons.

This Superbilt Bighead Sprayer provides a large opening for quickly filling and cleaning out the tank. The pump plunger develops a large amount of air per stroke. The tank is made of heavy galvanized steel, riveted, beaded and soldered, and tested for high pressure. Brass extension rod with aphis angle nozzle permits spraying underneath the leaves. A handy machine for the field, in the barn, or around the house. Price: \$9.90.



This Duster makes a very desirable machine for dusting Beans, Cabbage, Melons, Potatoes and other low-growing crops. The dust can be blown forward or backward. By using the return bend elbows the discharge will be at the rear. Dusting two rows at a time saves many hours of labor. Adjustments for row widths, height of crop and flow of dust are easily made without the use of tools. Price: \$21.00.



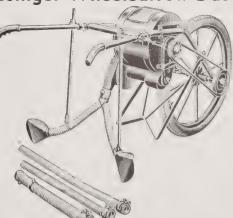
One-Shot Hand Duster

Delivers powerful load of dust with every stroke. Suitable for dry dusting only. Dust chamber holds about 1 pound. Price: \$1.75.

Messinger Wheelbarrow Duster

A one-man, traction type duster for all row crops such as Potatoes, Tomatoes, Beans, Cabbage, etc.

The big rubber-tired wheel carries all the weight. The flow of dust is regulated by a small lever on the side of the hopper. The dust discharge is at the rear—no walking through a cloud of dust.



Tubes and Nozzles are adjustable for rows 12 to 72 inches apart and in any height from ground to 36 inches.

Capacity of hopper, 12-15 lbs. Empty weight, about 65 lbs.

Model HT2 (2 row) with 2 tubes and 2 nozzles. \$42.00.

Model HT4 (2 row) with 4 tubes and 4 nozzles. \$53.00.

Washers - Seeders - Fertilizer Drills

Cicero Bunch Vegetable Washer

A valuable asset to growers of bunch vegetables. Washes off the dirt and polishes the goods while the operator holds them by the tops, usually 4 bunches at a time. No running water required. Just fill the tank and go ahead. Several hundred bunches can be washed without changing water.

Tank is 5 ft. long, 2 ft. wide, and 2 ft. deep; made of heavy galvanized metal with seams riveted. 2-in. drain plug in bottom. Well painted inside and out.

Brushes are 26 inches long and 10 inches in diameter, revolving at a speed of about 160 revolutions per minute. Steel sprockets and roller chain are used and Zerk grease fittings installed where needed.



Price, with 19-inch groove pulley, \$140.00. We can furnish "V" belts from 68 inches up to 144 inches in length. Weight, less motor, 180

Master Electric Motor, ½ h.p.\$37.50 Weight of motor, 63 lbs.

No. 300 Planet Jr. Seeder

The ideal machine for muck and sandy soils. Drops accurately in continuous rows any vege-





No. 219 Cultivator with Fertilizer Attachment

This handy machine answers the call for a light, inexpensive, practical tool for side-dressing growing crops. Small enough to go between 12-inch rows. It will handle nitrate and commercial fertilizers.

Price complete ...\$16.25

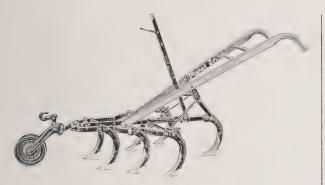
Fertilizer attachment only 9.95

No. 220 Planet Jr. Fertilizer Drill



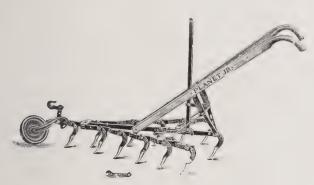
A heavy-duty machine that will handle any dry commercial fertilizer. The galvanized tubes can be spread out to cover a strip of 30 inches. The flow of fertilizer can be changed in a moment from 200 lbs. to 2000 lbs. per acre. Seldom clogs up. **Price:** \$41.75.

Planet Jr. Tools



No. 83 Cultivator

The handiest one horse cultivator in existence. Light in weight, yet strong enough for any cultivating job. The seven shovels are 2½ inches wide by 8 inches long. Wider or narrower steels can be had if desired. Price: \$23.95.



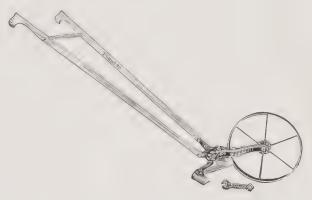
No. 91 12-Tooth Harrow

This machine gives excellent satisfaction in early summer, when plants are small. Breaks the crust on the ground without covering the tender plants, at the same time destroying the first crop of weeds. Price: \$20.95.



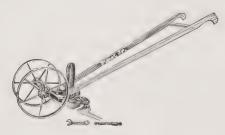
No. 82 Horse Hoe

The frame of this horse hoe is built very rugged for heavy cultivating work. Regular equipment consists of seven 2½ by 8 inch shovels, 1 pair 6-inch hillers and 1 shovel steel 7 inches wide. Full sweeps, half sweeps, furrowers and other attachments can be added. Side standards can be turned to any angle for hilling or drawing dirt away from the row. Price: \$27.45.



No. 18 Single Wheel Hoe

For cultivating small crops the No. 18 is just the thing; simple but very effective. Thousands of gardeners are using them profitably. Price: \$9.25.



No. 13 Double Wheel Hoe

To those who like a double wheel cultivator we recommend this machine. The two wheels make the going more steady. Price: \$13.25.

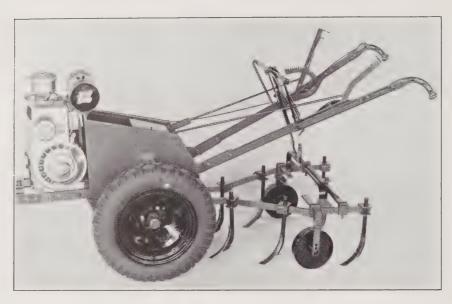
Attachments and Repair Parts for Double and Single Wheel Hoes

Handles with round complete\$2.7	5
Side Hoes, 41/2 inch cut. Per pair	0
Side Hoes, 6-inch cut. Per pair	5
Side Hoes, 71/2 inch cut. Per pair 2.0	0
Axle Bolt with 2 dust caps	7
Wrench	
Wheel for No. 18 Hoe with axle 2.5	5
Wheels for No. 13 Hoe with axle, Each 2.3	e e
Cultivator Teeth No. 1395, Each	i)
Cultivator Teeth, narrow point. Each	()
Wheel Hoe Sweeps, 8 inches with S-81 standard 1.00	0
Plow for Single Wheel Hoe	
Plows for Double Wheel Hoe. Per pair 1.8	5
Fire Tooth Weeder No. 7563X	
Onion Harvester No. 817X 2.3	

Parts for Horse Tools

Handles complete with 2 rounds\$2.75
Harrow Tooth No. 1229. Each
Beet Hoe Attachment, Per set 3.00
Sweep attachment, 18 inches wide 2.60
Steel Wheel with arms
1x8 inch Steel, No. 4064
11 4x8 inch Steel, No. 1156
13/4x8 inch Steel No. 2367
21/4x8 inch Steel, No. 2368
3x8 inch Steel. No. 2369
4x8 inch Steel, No. 2370
5-inch Imp. Sweep, No. 1494
8-inch Imp. Sweep, No. 1495
10-inch Imp. Sweep, No. 1496
12-inch Imp. Sweep, No. 1497
15-inch Imp. Sweep, No. 1498
18-inch Imp. Sweep, No. 1499
Bolts and nuts for Steels or Sweeps. Each
24-inch Imp. Sweep, No. 3582
7-inch Imp. Half Sweep, No. 4930 /1. Per pair 1.70
7 men imp, itali oweep, ito. 1770/1. Let pall 1.70

PLANET JR. TRACTORS



Model HT with Gang and GT-2 Cultivator

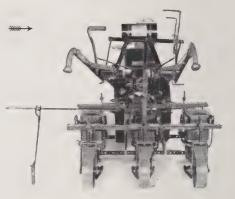
The Planet Jr. Tractor is known for dependability and low cost of operation. With ordinary care it will last many years and will earn its cost many times over. It handles so easily that anyone can quickly learn to use it. The equipment shown at left makes cultivating Cabbage, Corn, Peppers, Tomatoes and like crops a pleasure. A wide variety of other attachments is available.

Price as shown with 3 H. P. engine: \$450.00. With $4\frac{1}{2}$ H. P. engine: \$480.00.

Model HB Tractor with 3-Row Seeder

For seeding and cultivating three rows, 14, 16 or 18 inches apart, the HB Tractor (3 h.p.) equipped with iron wheels is just right. The seeder units float independently, assuring uniform depth of planting. Cultivating equipment is made up as you want it—you need not purchase attachments you have no use for.

Tractor Only. With iron wheels\$375.00
Three-Row Seeder
Cultivator Frame. With three pair side hoes



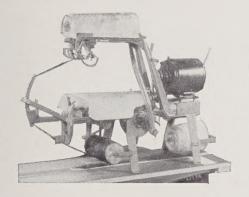


Model BP-1 Tractor (1½ h.p.)

Market gardeners, nurserymen, poultrymen, country estates, and others will find many uses for this sturdy, efficient machine. Vegetable growers hook on a 2-row seeder or 2-row cultivator and do the work of two or more men in less time. Cutting hay or alfalfa in the field, or grass and weeds along the ditches or roads can be done in a hurry with little effort. For plowing small plots a six-inch plow with coulter solves the problem. The disc harrow prepares the ground for seeding, or can be put to good use for hilling Corn, Potatoes, berries, etc. For cutting lawns order a 9905X hitch and use your own mower. It can truthfully be called the machine of a hundred uses.

Tractor. With gang and equipment as shown\$	222.00
Two-Row Seeder and Hitch	71.25
Two-Row Cultivator	27.95
Disc Harrow. 32 inches wide, complete	39.50
Six-Inch Plow. With coulter and hitch	36.50
Field Mower Attachment. 34-inch cutter bar	76.50

Electric Tying Machine



The Felins Electric Tying machine is a great time saver. Will handle 6 to 16 ply cotton twine as well as No. 13 and No. 17 braid. Is equipped with a 1/4 h. p. electric motor, 110 volts. Top speed 45 bunches per minute. Price: \$176.00, prepaid.

Felins Foot Power Machine



The foot-operated tying machine can be used in the field as well as in the packing shed. It will neatly tie in bunches vegetables and cut flowers at a high rate of speed. Well constructed, highly dependable and simple to operate. Uses 6 to 16-ply cotton twine or No. 13 braid.

Price: \$89.00, prepaid.

Barker Weeders

Operates like a lawn mower. Used when the plants are young, does not cover up the seedlings as it throws the dirt backward, pulverizing the crust on the soil at the same time. New style machine has closed drum inside of revolving blades. Available in four sizes.



6-inch width, with drum 9.	30
81/2-inch width, with drum 10.	50
9-inch width, no drum 9.5	90
10-inch width, with drum 11.	70

HORMONE SPRAY "A Product of Science"



NO-SEED is a concentrate and must be diluted with water. Spray when the blossoms are about half open. Repeat when another set of blossoms appear. A hand, power or wheelbarrow sprayer may be used.

One pint of NO-SEED makes four gallons of spray, enough for one-half acre of Tomatoes; the half-gallon size makes 16 gallons of spray to

treat two acres.

							C										
4-oz.	bottle											,		*	*		\$1.00
	bottle																
1/2-ga	1. size					,								,			7.50

Larger sizes available at reduced rates.

Hotbed Glass,

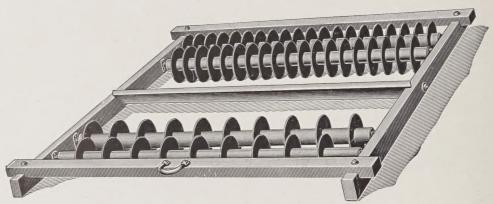
Putty, Paper Pots, Etc.

HOTBED GLASS:
8x10 single strength A, 90 lights, per box\$6.00 7x9 single strength A, 114 lights, per box 6.00
Double strength, per box, any size 7.50
POT LABELS:
Wood Pot Labels, 5 inch, painted, per 1000 3.40 Wood Pot Labels, 6 inch, painted, per 1000 3.90
GLAZING STAPLES. 5/8 inch long. Per box of
1000
GLAZING COMPOUND GUN 5.00
GLAZING COMPOUND. Gun type. 1-gal. can. 3.25
SCOLLAY'S PUTTY BULB. Brass tip 1.75
PUTTY. For greenhouse or hotbed sash; finest
quality obtainable, per 25-lb. can 3.45
RUBBER KNEE PADS. Per pair 2.00
ROUND PAPER POTS (Neponset)
Red Green
per 1000 per 1000

ROUND PAFER POTS (Nepoliset)	
Red	Green
per 1000	per 1000
21/4-inch\$ 6.85	\$10.80
2½-inch 7.00	11.50
3 inch 7.50	13.15
$3\frac{1}{2}$ -inch	17.00
4 -inch 11.55	20.50
5 ·inch 14.40	28.00
(Under 4-inch, 1000 per carton. 4-inch	and over,

(Under 4-inch, 1000 per carton. 4-inch and over, 500 per carton. These pots are set up, ready for use.)
Shipped Prepaid.

MEEKER HARROWS



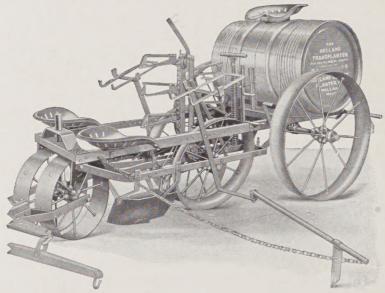
The Meeker Harrow was designed to prepare the land for seeding. It does that to perfection. The big discs cut right through the lumps of dirt and the adjustable center leveling board smooths the surface. A great labor saver on any farm. Made in the following sizes:

6	ft.	width	with	58	10-inch	discs	\$76.00
8	ft.	width	with	82	10-inch	discs	96.00

MEEKER PARTS

3-inch spools. Each\$0.16	Leveling Board. 6 ft., \$2.30; 8 ft\$2.80
6-inch spools. Each	Side Sill, left or right, with axle boxes 3.90
10-inch discs. Each	Axle Shaft, with nuts. 6 ft., \$3.30; 8 ft 3.60
Axle Boxes	Complete Frame. 6 ft., \$15.50; 8 ft 18.50

TRANSPLANTERS, ROOT AND BUNCH WASHERS



HOLLAND TRANSPLANTERS. Single row with pole and neckyoke, or tractor hitch, \$188.00; two row, with tractor hitch, \$376.00.

HOLLAND FERTILIZER ATTACHMENT. Single row, \$46.00; double row, \$92.00.

NEW IDEA TRANSPLANTER. Single row with pole or tractor hitch, \$188.00.

NEW IDEA FERTILIZER ATTACHMENT. 3-spout, \$48.00.

SCHUTTER & HARTZ ONION SET PLANTER. Single row, \$77.00; two-row, \$150.00; three-row, \$225.00; four-row, \$295.00.

FELINS ELECTRIC ROOT WASHER. 10-bushel capacity; requires running water. Price: Complete with motor. \$202.00.

FELINS BUNCH WASHER. With electric motor. \$162.00. Tank not furnished—use your own tank.

HOTKAPS—An Individual Hothouse for Every Plant!

Hotkaps are made of strong waxed paper and set over the hill of seeds or plants. They give protection



against rain, hail and wind when plants are young and tender. Remove the Hotkap when plant touches the paper. Another advantage is they keep out destructive insects. Your plants will be safer, grow faster and mature earlier when shielded by these little "hothouses."



A setter is needed to place them in position without denting. The fiberboard setter will last one season, the one made of steel will serve for many years.

Steel Setter

Steel Setter				
100 with fiberboard	setter .	 	\$	2.80
250 with fiberboard	setter .	 		4.75
1000 without setters		 		14.65
5000 without setters		 	'	72.50
Steel Setter		 		1.95
Fiberboard Setter		 		.20

¾WIST-EMS'

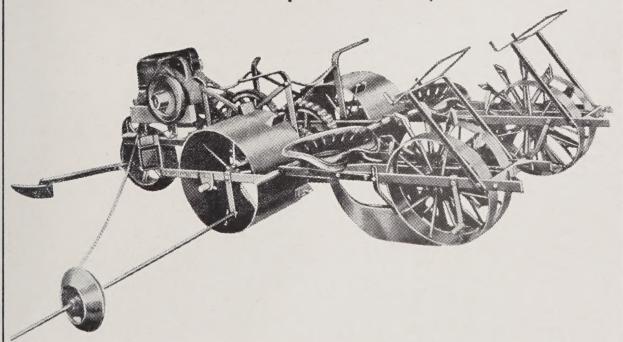
The modern way of tying vegetables in bunches is by



using "Twist-Ems." A "twist of the wrist," or a twist of the bunch and the tie is made neatly and permanently. The wire does not break and the twist will not come loose. Does a quick job of bunching Beets, Carrots, Celery, Green Onions, Gladiolus, Sweet Peas and other products. Market gardeners, flower growers, nurserymen, and florists have plenty of uses for these smart-looking ties. Packed 250 in a bundle, colored green.

						7-in.	8-in.	12-in.
1,000	to	9,000.	Per	1000	(\$1.55	\$1.70	\$2.60
10,000	to	24,000.	Per	1000		1.45	1.55	2.40
25,000	(1	carton).	Per	1000		1.40	1.45	2.30
4 Cartons. Per 1000 1.35 1.40								
Shipped Prepaid								

Holland Self-Propelled Celery Planter



This machine will plant two rows at a time with only two men required to do the job. It will set Celery, Onion, and other small plants from 3 inches to 12 inches apart in the row. Equipped with a self-steering device that follows mark made by its own marker wheel. The power is supplied by a 2 h.p. gasoline engine. The clutch is simple and quick in action. Either operator can stop the machine in a moment. Every grower with sizeable acreage should investigate the advantages of this marvelous transplanter. Extra Unit to make 3 rows can be furnished.

Price: \$360.00, f.o.b. Holland, Michigan.

